

1.0. Identification of Substance or Blend, and the Corporation or Company

1.1 Product identification

Name: CORLEN®FILAMENT

Synonym: CORLEN®FILAMENT

JDE CODE: NOT APPLICABLE

1.2 Applicable uses for the substance or blend and non-recommended uses

Identified uses	End-product
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1.3 Safety data sheet supplier information

Company: Enka de Colombia S.A.

Representative:
Calle 3 Sur # 43a -52 Piso 5

Medellin

Tel.

Fax: 405 5140

P.O. Box

Email: ventasmercadeo@enka.com.co

1.4 Emergency phone(s)

Enka de Colombia S.A. 57 (4) 4055 055 — 57 (4) 4055 234

Lifesaver number CISTEMA SURA 57 (4) 018000 511414 — 57 (4) 4444 578

2.0 Hazard Identification

2-1 Classification of the substance or blend

Classification (REGULATION (CE) 1272/2008

No information available from the supplier's safety data sheet

SAFETY DATA SHEET

According to Regulation (EC) no. 2907/206

JDE code: NOT APPLICABLE

NAME: CORLEN@FILAMENT

2.2 Labeling items

Labeling (REGULATION (CE) No. 1272/2008)

This is not a hazardous substance or blend according to Regulation (CE) No. 1272/2008)

Hazard pictograms

Warning word

None

Hazard indications

0000 No information available from the supplier's safety data sheet

Care advice

Prevention 0000 No information from the supplier's safety data sheet

NFPA Classification system

NAFPA range (scale of 0-4) Definitions: 0-Minimal, 1-Slight, 2-Moderate, 3-High, 4-Extreme

2.3 Other hazards

3.0 Composition / Component Information

3.1 Substance

Formula $HO - [(CH_2) 2-OOC - C_6 H_4 - COO-]_n - (CH_2)_2 - OH$

CAS No. Not applicable

Name of Component	CAS	TWA	STEL	Percentage
Polyethylene	25038-59-9			
Terephthalate	85-99			
Titanium dioxide	13462-67-7-0 -1.5			
Brightener				0-1.0
Catalyst residue				0.3
Coning oil				0 ± 4

3.2 Blend

Not applicable

4.0 First Aid

4.1 Description of first aid

After inhalation

There is no indicated specific intervention because there is little likelihood that the material could be dangerous through this system. Dust and brightener and/or coning oil products are found in very small quantities in the workplace because of the technical measures that are usually implemented, such as aeration and vacuuming

After contact with the skin	It is unlikely that the product could cause skin irritation; if it occurs, wash using soap and water; if irritation persists, consult a physician n.
After contact with the eyes	In case of contact, rinse the eyes immediately with plenty of water for at least 15 minutes. Consult a physician.
After ingestion	Not toxic. Wash mouth with water and consult a physician

4.2 Main symptoms and acute and delayed effects

Not applicable

4.3 Indications about all medical care and special treatments to be given immediately

Not applicable

5.0 Firefighting Measures

5.1 Fire extinguishing methods

Water, dry chemical powder, or CO2

5.2 Specific hazards derived from the substance or blend

Not applicable. Use self-contained breathing equipment to protect from smoke inhalation while putting out the fire.

5.3 Recommendations for firefighting personnel

Use self-contained equipment to protect from smoke inhalation while extinguishing the fire.

6.0 Steps to Take in case of Accidental Spills

6.1. Personal precautions, protection gear, and emergency procedures

Not applicable. Not applicable

6.2. Environmental precautions

Not applicable

6.3. Methods and materials for containment and cleanup

Not applicable

6.4. Refer to other sections

For instructions about waste management, see section 13.

7.0 Handling and Storage

7.1. Precautions for safe handling

Tips for safe handling

Spools and cops, and cardboard boxes or pallets must be handled according to the instructions printed on the labels.

7.2. Conditions for safe storage, including possible incompatibilities

Storage conditions

The product should be stored in a dry place, protected from sunlight. Poor storage could fail and cause serious injuries. Maximum pallet height: 5 bales. The floor should be level and firm. Do not stack against the walls. Leave free corridors (at least 2.8 m) between bale groups to allow forklift

or firefighting equipment movement, and at least 0.5 m between the bale and any sprinkler. Personnel should not climb the piles.

8.0. Exposure Control / Individual Protection

8.1. Control parameters

Components with maximum values that need monitoring in the workplace

Name of Component	CAS	TWA	STEL
Polyethylene terephthalate	25038-59-9	85-99	
Titanium dioxide	13463-67-7	0 - 1.5	
Brightener			
Catalyst residue			
Coning oil			

8.2 Exposure Controls

Engineering provisions

No information available

Not applicable

Eye and face protection

Not applicable

9.0 Physical and Chemical Properties

Shape	Continuous filament POY filament
Color	White, semi-matte, or glossy
Odor	Odorless or with a mild odor due to the presence of brighteners or coning oil
Olfactory threshold	Not applicable
pH	Not applicable
Melt point	Max. 260 °C - Max. 500 °F.
Boiling point/interval	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid/gas)	Not applicable
Upper/lower explosivity limit	Not applicable
Vapor pressure	Not applicable
Relative vapor density	Approx. 1.30 - 1.40 g/cm ³
Relative density	Not applicable
Water solubility	Insoluble.
n-octanol/water partition coefficient	Not applicable
Spontaneous ignition temperature	450 °C - 842 °F.
Decomposition temperature	Starting at 350 °C
Viscosity	Not applicable

10.0 Stability and Reactivity

10.1. Reactivity

Not applicable

10.2. Chemical stability

Stable

10.3. Likelihood of hazardous reactions

Not applicable

10.4. Conditions to be avoided

Decomposition occurs at temperatures above 350 °C in the presence of oxygen

10.5. Incompatible materials

It can react with strong oxidizer additives. It is decomposed by strong acids or bases

10.6. Hazardous decomposition products

Carbon dioxide, carbon monoxide, and partially with low molecular weight bonds.

11.0. Toxicology Information

11.1. Information about toxic effects

Not classified as hazardous

11.2. Other data

Not applicable

12.0. Ecologic Information

12.1. Toxicity

Not applicable

12.2. Persistence and degradability

Not biodegradable

12.3. Bioaccumulation potential

Not applicable

12.4. Soil mobility

Not applicable

12.5. Other adverse effects

Not applicable

13.0. Considerations about Disposal

Methods for waste treatment

The product is recyclable

14.0. Information about Transportation

Not classified as hazardous

14.1. UN number No information available from the supplier's safety data sheet

14.2. Official United Nations transportation designation Not applicable

14.3. Class

14.4. Packing group No information available from the supplier's safety data sheet

14.5. Environmental hazards Not applicable

14.6. Special precautions for users Not applicable

14.7. Bulk transportation (according to attachment II of the Marpol 73/78 agreement, and IBC code)

Not applicable

15.0. Regulatory information

15.1. Substance or mixture health, safety, and environmental regulations or legislation

Not classified as hazardous according to the information available

16.0. Other information

Textile and non-textile application at 100% or in blends with other fibers. In textile or in fiber form they are used for medical or intimate hygiene applications. The information contained in this document is based on our available data which we are providing in good faith. Enka de Colombia S.A. does not provide an explicit or implicit warranty about the accuracy of the information and, therefore, about the results obtained from the use thereof.

The data provided in this safety data sheet are based on our current knowledge. They only describe the safety measures for handling the product and do not represent any guarantee about the properties of the product described.

Bibliography

Enka de Colombia Safety Data Sheet – Version 01 – April 3, 2007 - According to Directive 91/155/EEC